

***FlyBy Math™* Alignment**
Academic Content Standards - Mathematics
Grade-Level Indicators

Patterns, Functions and Algebra Standard

Use Patterns, Relations and Functions

Grade-Level Indicator	<i>FlyBy Math™</i> Activities
3. Describe problem situations (linear, quadratic and exponential) by using tabular, graphical and symbolic representations.	<p>--Represent distance, speed, and time relationship for constant speed cases using tables, bar graphs, line graphs, equations, and a Cartesian coordinate system.</p> <p>--Use tables, bar graphs, line graphs, equations, and a Cartesian coordinate system to draw conclusions.</p>

Use Algebraic Representation

Grade-Level Indicator	<i>FlyBy Math™</i> Activities
9. Solve and interpret the meaning of 2 by 2 systems of linear equations graphically, by substitution and by elimination, with and without technology.	<p>--Represent distance, speed, and time relationship for constant speed cases using linear equations and a Cartesian coordinate system.</p> <p>--Use graphs to compare airspace scenarios for both the same and different starting conditions and the same and different constant (fixed) rates.</p>

Analyze Change

Grade-Level Indicator	<i>FlyBy Math™</i> Activities
15. Describe how a change in the value of a constant in a linear or quadratic equation affects the related graphs.	--Use graphs to compare airspace scenarios for both the same and different starting conditions and the same and different constant (fixed) rates.